

CLAIMS

1. An arrangement in a telephony system (TS1) including
at least one mobile radio telephone for being radio connected to a mobile radio
telephony network in the telephony system via a radio link; and

5 at least one stationary telephony terminal,
characterized in that

the stationary telephony terminal and the mobile radio telephone have each a
short range transceiver for intercommunication via a short range wireless
communication link; and

the stationary telephony terminal is arranged to communicate over the mobile
radio telephony network via the mobile radio telephone.

2. An arrangement in a telephony system according to claim 1,
characterized in that the stationary telephony terminal has a device for taking a
telephone number to a called subscriber.

3. An arrangement in a telephony system according to claim 1,
characterized in that the short range transceivers are radio transceivers.

4. An arrangement in a telephony system according to claim 3,
characterized in that the short range radio transceivers are bluetooth transceivers.

5. An arrangement in a telephony system according to claim 1,
20 characterized in that the short range transceivers are optical transceivers.

6. An arrangement in a telephony system according to claim 1,
characterized in that the stationary terminal includes a device for generating a ring
signal.

7. Method for communicating in a telephony system via a communication
25 arrangement, the arrangement including:

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at least one mobile radio telephone for being radio connected to a mobile radio telephony network in the telephony system via a radio link; and

at least one stationary telephony terminal,
characterized in that the method includes:

5 intercommunicating via a short range wireless communication link between the stationary telephony terminal and the mobile radio telephone; and

communicating by the stationary telephony terminal over the mobile radio telephony network via the mobile radio telephone.

8. Method for communicating in a telephony system according to claim 7, characterized by the following steps:

sending, from the stationary telephony terminal, discovery signals over the short range wireless communication link;

receiving in the mobile radio telephone said discovery signals;

sending response signals from the mobile radio telephone;

receiving in the stationary telephony terminal the response signals; and

sending a mobile identification signal from the mobile radio telephone.

9. Method for communicating in a telephony system according to claim 8, characterized in that the identification signal includes an individual identification signal for the mobile radio telephone.

20 10. Method for communicating in a telephony system according to claim 7, characterized by the following steps:

sending, from the mobile radio telephone, discovery signals over the short range wireless communication link;

receiving in the stationary telephony terminal said discovery signals;

25 sending response signals from the stationary telephony terminal;

receiving in the mobile radio telephone the response signals; and

sending a mobile identification signal from the mobile radio telephone.

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17. Method for communicating in a telephony system according to claim 16, characterized by generating a ring signal in the stationary telephony terminal in dependence of the message regarding the call.

18. Method in a telephony system according to claim 7, characterized by the method including the following steps:

setting up a connection on the short range wireless communication link;
taking a telephone number on the stationary telephony terminal to a called

5 subscriber;

transmitting the telephone number to the mobile radio telephone via the short range wireless communication link;

setting up a connection on the radio link from the mobile radio telephone to the mobile radio telephony network in dependence on the transmitted telephone number.

19. A stationary telephony terminal, characterized in that it includes:

a short range transceiver for intercommunication with a mobile radio telephone via a short range wireless communication link; and

a controlling device connected to the short range transceiver,
wherein the controlling device is arranged to support telephony from the stationary telephony terminal over a mobile radio telephony network via said mobile radio telephone.

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